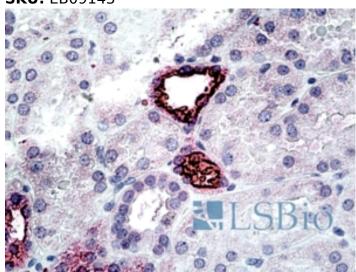


Telephone: (650) 697-3600



GOAT ANTI-SLC12A1 / NKCC ANTIBODY

SKU: EB09143



SPECIFICATIONS

Formulation Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Unit Size 100 μg

Storage

Aliquot and store at -20°C. Minimize freezing and thawing.

Synonym /

sodium potassium chloride cotransporter 2|Na-K-2Cl cotransporter|NKCC2A variant

Alias **Names**

A|NKCC2|MGC48843|BSC1|solute carrier family 12 (sodium/potassium/chloride transporters), member 1|SLC12A1

Usage

IF/ICC: This antibody has been successfully used in IF on Mouse: Alshahrani S et al. (2015) PMID:

Summary

26400961. This antibody has been successfully used in ICC on Pig: Andreas Brännström et al. (2022) PMID:

36471055.

Accession

NP 000329.2

Blocking

EBP09143

Peptide

Peptide with sequence C-PHYEETSFGDEAQKR, from the internal region of the protein sequence according to

Peptide Sequence

C-PHYEETSFGDEAQKR

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using

Method the immunizing peptide.





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Shipping Refrigerated

Instructions **Predicted**

Human

Species Reactive

Human, Mouse, Pig

Species Human

6557 **Gene ID**

Product Grade

https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_plus_medium.png

IHC Results In paraffin embedded Human Kidney shows strong membrane staining in some CT cells. Recommended

concentration, 3-6µg/ml.

ELISA

Detection Antibody detection limit dilution 1:32000.

Limit

Western Blot

This anitbody has been successfully used in WB on Mouse: Alshahrani S et al. (2015) PMID: 26400961.

Application

Pep-ELISA, WB, IHC, IF, ICC Type

SELECTED REFERENCES

[{"pmid": 36471055, "intro": "This antibody has been successfully used in ICC on Pig:", "title": "Intermittent thoracic resuscitative endovascular balloon occlusion of the aorta improves renal function compared to 60 min continuous application after porcine class III hemorrhage.", "author": "Andreas Brännström, Michael Hultström, Jenny Gustavsson, Zabih Aurfan & Mattias Günther", "journal": "Eur J Trauma Emerg Surg (2022).

https://doi.org/10.1007/s00068-022-02189-2"}, {"pmid": 26400961, "intro": "This antibody has been successfully used in WB and IF in Mouse:", "title":

"Increased Slc12a1 expression in ?-cells

and improved glucose disposal in Slc12a2 heterozygous mice.", "author": "Alshahrani S, Almutairi MM, Kursan S, Dias-Junior E, Almiahuob MM, Aguilar-Bryan L, Di Fulvio M.", "journal": "J Endocrinol. 2015 Dec;227(3):153-65."}]

GALLERY IMAGES





Email: customerservice@vectorlabs.com

Telephone: (650) 697-3600

